

## ABSTRACT

An object of the invention is to provide a pressure sensor, an object detecting system and an opening and closing system which realize the improvement in efficiency of 5 sealing work on end portions of the pressure sensor and which are fabricated at low costs, as well as a pressure sensor fabricating method which requires no complex and troublesome steps.

A pressure sensor (17) includes a pressure sensing means (a piezoelectric sensor (33)) for detecting a deformation due to an external force and a sensor accommodation 10 body (a support means (35)) which incorporates therein the pressure sensing means and which is made from a thermoplastic elastomer, and the sensor accommodation body is sealed off at at least one end portion thereof through a thermal treatment.